

STORAGE SYSTEM WITH DATA REDUNDANCY BETWEEN STORAGE VOLUMES

ABSTRACT OF THE DISCLOSURE

Embodiments of the present invention are directed to methods and systems of storing data in storage volumes while ensuring matching data redundancy between the storage volumes. In one embodiment, a system for storing data comprises a first storage area to store data; a second storage area to store data; a first storage control unit configured to control the first storage area; and a second storage control unit configured to control the second storage area. In response to a first write request issued to write data in the first storage area, the first storage control unit is configured to write data associated with the first write request to the first storage area and to transfer the first write request to the second storage control unit, and the second storage control unit is configured to write the data associated with the first write request to the second storage area. In response to a second write request issued to write data in the second storage area, the second storage control unit is configured to transfer the second write request to the first storage control unit.

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